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1000' SPOOL

[redacted] STATINTL

[redacted] STATINTL

Subject: Motorized Film Rewind Unit

Reference: Washington Engineering Branch, Our Proposal [redacted] STATINTL

Enclosures:

(1) Cost Estimate - Design and Fabricate One Prototype - Attachment "A"

(2) Cost Estimate - One Additional Unit Attachment "B"

(3) Three Copies of Print No. [redacted] STATINTL

STAT [redacted] STATINTL

[redacted] is pleased to submit its fixed-price [redacted] STATINTL for the design and fabrication of a Motorized Film Rewind Unit, per [redacted] STATINTL and the following specifications. [redacted] STATINTL

1.1 The rewind-unit will be 0 to 1000 feet per minute, but the speed must not vary, once set, during transfer of film from full to take-up spool. In addition, the take-up spool must not slow down as the film load increases.

1.2 The unit will be capable of transferring film in one direction only -- from a full spool to a previously empty one.

1.3 Variable film widths, from 70mm to 9 1/2" will be accommodated. The unit will be capable of handling three 70mm or two 5" spools concurrently. STATINTL

Declass Review by NIMA / DoD

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8 April 1965

1.4 The unit must have the capability of handling 500L spools (8 1/4" Dia.), (maximum weight of about 18 pounds each) without deflection of or wear to the shafts.

1.5 The unit will be able to be loaded easily and quickly.

1.6 The unit will automatically shut off after the film has been transported from the full spool to the empty one.

1.7 The unit will be mounted on a portable cart with lockable casters.

1.8 The unit will be constructed to allow the operator to load film from a standing position.

1.9 The unit will be safe for use by unskilled personnel.

1.10 Once loaded, the unit will be capable of automatic operation.

1.11 The unit will not scratch or in any way damage the film.

1.12 The unit will be grounded and free from all shock hazard.

1.13 A warning light will be provided to show when the unit is on.

1.14 The construction of the unit will meet the highest commercial standards.

1.15 All necessary controls will be positioned to be readily accessible for the operator. In other words, human engineering factors must be thoroughly considered in the design of the unit.

1.16 A film spool which can be disassembled so the film that is transferred to this spool can be removed will be supplied. The distance between the flanges will be 10".

1.17 A clear plastic protective cover will be provided along with a micro switch which will allow operation of the equipment only when the cover is closed.

Should you require any additional information, please contact [redacted] our New Programs Manager.

Very truly yours,

[redacted]

[redacted]

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